



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Application of:  
Dr. Adalbert Feltz *et al.*

Serial No.: 09/736,266

Filing Date: December 15, 2000

For: Piezoelectric Device

Art Unit: Unassigned

Examiner: Unassigned

Docket No.: P1999,0008US AF/BS

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**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington DC 20231

Sir:

Prior to Examination on the merits, please amend the application as follows:

**In the specification:**

Please replace the paragraph beginning on page 2, line 4, with the following rewritten paragraph:

--Examples of  $\text{La}_2\text{O}_3$  or  $\text{Nd}_2\text{O}_3$  doped  $\text{Pb}(\text{Zr},\text{Ti})\text{O}_3$  ceramics are documented in the literature, including by G.H. Haertling in the American Ceramic Society Bulletin (43(12), 875-879 (1964) and Journal of the American Ceramic Society 54, 1-11 (1971) as well as in Piezoelectric Ceramics, Academic Press, London and New York (1971) of B. Jaffe, W.R. Cook and H. Jaffe. Additional discussion may be found in Y. Xu in Ferroelectric Materials and their Applications, pages 101-163, Elsevier Science Publishers, Amsterdam (1991).--

Please replace the paragraph beginning on page 3, line 19, with the following rewritten paragraph:

-- The publication WO 97/40537 discloses the production of green foils for piezoceramic multilayer devices. The green foils are based on a piezoceramic powder of the type PZT, to which a stoichiometric surplus of a heterovalent rare earth metal (up to a content from 1 to 5 molar-%) and a stoichiometric surplus of an additional 1-5 molar-% lead oxide is added. In addition, it is disclosed in above publication that  $\text{Ag}^+$  - ions from the area of